TECHNICAL APPLICATION

Programmable and non-programmable thermostats with solid state equipment outputs require a minimum of 80 mA ac (0.08A) of current draw to ensure switching integrity.

The 300 Ω 5 watt resistor (supplied) should be installed on the equipment terminal strip in accordance with the drawing below to increase the current draw of the primary control to 80 mA or greater. This connection should eliminate any incompatibility problems between the thermostat and the system.

INSTALLING THE RESISTOR

1. Read the instructions carefully. Failure to do so may damage the product or cause a hazardous condition.

2. Check the rating on the resistor to make sure the size (rating) is correct.

3. The installer must be a qualified service technician.

4. Connect the resistor leads to the equipment terminal strip across the W, Y or G (as required) and 24VAC Common terminals. Avoid contact with any other terminals or components within the equipment.
   Connect either end of the resistor to the terminals (non-polarized) and firmly tighten the screw terminals.

WARNING!
The resistor will become warm during equipment operation. This is normal.